

## BAND SAW

Straight line cuts, even on large pieces, are accurate and easy with SHOPHELPER GUIDES, up to the maximum of your band saw's throat depth. The auxiliary fence should be 2 1/2" to 3" high, and 1 1/4" wide. (If your band saw does not have a fence, make the auxiliary fence to be held in place with "C" clamps). Align brackets on top of auxiliary fence, mark holes, drill and attach brackets. Place guides in brackets and tighten thumb screws securely.

### SPECIAL NOTE:

1. Always be sure axle lock nut is tightened *before* using Shophelpers.
2. Always secure guide positioning screws *before* using Shophelpers.
3. Always be certain Shophelpers are *completely* clear of all cutters.
4. Check *all* adjustments before beginning use of Shophelpers.

SHOPHELPER Guides meet CAL-OSHA requirements as an anti-kickback device when properly mounted and adjusted.

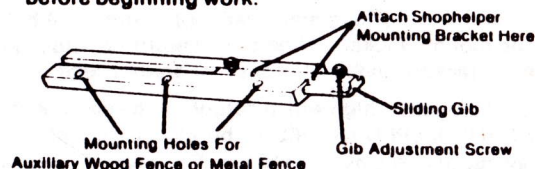
## SHOPHELPER TRACK

Track can be mounted to any auxiliary wood or metal fence.

1. Position and mount track to your fence using mounting holes (fig. 5). Mount Shophelper brackets using specially drilled holes (fig. 4) to track sliding gib (fig. 5). Track edge should be flush with fence face.

2. Adjust Shophelper on sliding gib to desired location, tighten gib adjustment screw.

Note: Always be certain gib screws are tightened before beginning work.



SHOPHELPER TRACK Fig. 5

### MONEY BACK GUARANTEE:

If not completely satisfied, return within 30 days and receive a full refund.

To Order: Call Toll Free: 800-344-7455

In California Call: 800-828-8833/Or Call: 209-435-6921

Mfg. By: SHOPHELPER PRODUCTS • Fresno, CA

## SHOPHELPERS & ACCESSORIES STOCK NUMBER & PRICE LIST

Stock#	List Price
#211	One Pair SHOPHELPERS, YELLOW clockwise rotation. (Right Feed) for 3" fences ..... \$69.95
#221	One Pair SHOPHELPERS, (for use with Quinteck Paralok™ Fence & other 4 in. high fences). YELLOW, clockwise rotation ... \$74.95
#212	One Pair SHOPHELPERS, ORANGE, counterclockwise rotation (Left Feed) ... \$69.95
#222	One Pair SHOPHELPERS, (for use with Quinteck Paralok™ Fence & other 4 in. high fences) ORANGE, counterclockwise rotation ... \$74.95
#213	One Pair SHOPHELPERS, Green, Shapers & Routers, holddown only ..... \$69.95

All Shophelpers come complete with long mounting brackets, hardware and installation instructions

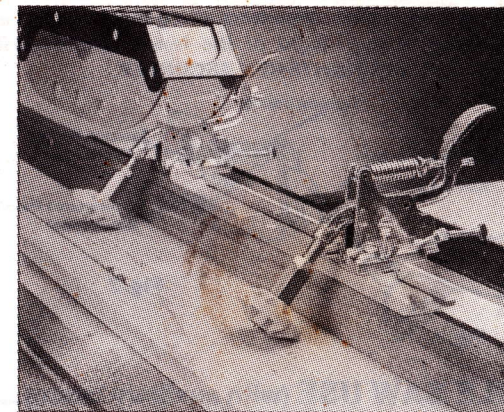
#231	EXTRA MOUNTING BRACKETS, per pair including hardware -- Long Brackets (for most versatile use) 3 1/2" ..... \$12.00
#232	Short Brackets (when space won't allow long bracket use) 1 1/4" ..... \$ 8.00
#141	SHOPHELPER™ SAW GUARD, 1/4" x 8 1/2" x 11 7/8" Blade Shield (including hardware) 1/4" x 8 1/2" x 11 7/8" ..... \$14.00
#142	Guard Gib and Hardware; Adaptable to 24" track ..... \$ 3.50
#151	AUXILIARY FENCE - Hard Wood with 30° Bevel. For 8 to 10 inch table such as General, Delta, Powermatic, and Sears or for any saw fence 3" and under in height and less than 36 in. long. (includes attachment hardware) ..... \$18.00
EXTRA WHEELS --	
#152	ORANGE, Wheel on axle, counterclockwise rotation ..... \$19.90
#164	YELLOW Wheel on axle, clockwise rotation ..... \$19.90

(indicate short, for standard or long for use on fences 4 in. high, by adding S or L to the wheel on axle #'s above)

SHOPHELPER TRACK - Attach to any wood or metal fence.

#291	2-12" Track, 2 GIBS & hardware ..... \$21.95
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## How To - Install -



\$69<sup>95</sup>

**Shophelper**  
New U.S. PAT #5,058,474 10/20/91

"Those Yellow Wheels..."  
**ANTI-KICKBACK STOCK FEEDER**

- HOLDS STOCK DOWN AND AGAINST FENCE
- MINIMIZES BINDING, CHATTER & KICKBACK
- SAFER OPERATIONS

For use on: Table Saws, Shapers, Radial Arm Saws, Router Tables, Etc.

IMPORTANT: Shophelper must be assembled according to manufacturer's specified instruction. Failure to do so may result in damage to the product and void of warranty.



## TO ASSEMBLE SHOPHELPERS:

1. Attach wheel on axle (fig. 1) to Shophelper pivot arm (fig. 2). Using two wrenches tighten axle lock nut. Wheel axle must be **securely** screwed to pivot arm, once securely attached to pivot arm the axle can be locked in place anywhere along threaded arm according to the height of the fence. **MAKE SURE LOCK NUT IS TIGHTENED SECURELY.**

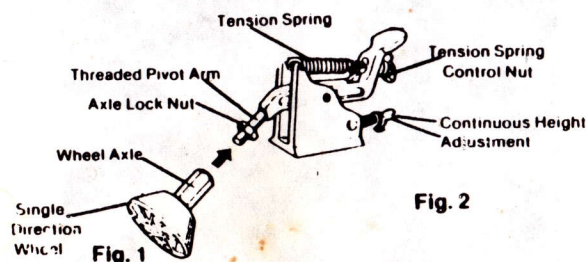
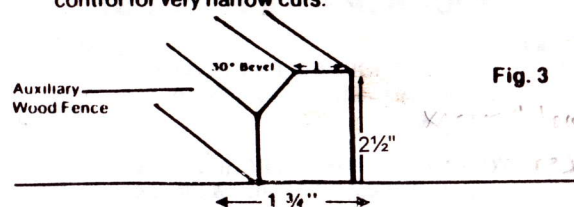


Fig. 2

## TABLE SAW USE (with auxiliary fence)

1. Construct auxiliary hardwood fence  $2\frac{1}{2}$ " in height and at least as long as the saw fence. (see fig. 3) (for fences higher than  $2\frac{1}{4}$ " use Shophelpers #221 for 4" fences)  
An auxiliary fence extending past the front and the end of the factory fence will help you start and finish cuts in large panels and long boards with more control.
2. Position auxiliary fence against the saw fence, mark holes, drill, counter sink and attach with flathead bolts & wing nuts. *3" machine screws*
3. Raise saw blade, dado, or molding head to full height. Position guides (in their mounting brackets)  $1/8$ " from edge of fence, approx. 1" in front and 1" behind blade. Mark bracket mounting holes (see fig. 4) in top edge of auxiliary fence, drill pilot holes and attach brackets with enclosed wood screws. **CAUTION:** Make sure not to raise blade into wheels. Tighten position adjustment screws securely.
4. Tighten spring tension wing nut to apply downward and inward pressure. (See fig. 2).
5. Wheel height adjustment: refer to fig. 2 for height adjustment location. Set wheel height approx.  $1/8$ " lower than material thickness. Adjust spring tension wing nut to desired amount of downward and inward pressure.
6. When making ripping cuts, do not cut material shorter than  $1\frac{1}{4}$ " x the distance between axles. **ALWAYS USE INFEED AND OUTFEED WHEELS AS A PAIR ON WORK BEING CUT.** On table and radial saws, place the infeed roller as far from the fence as possible to the left of the saw blade. Use the outfeed roller on the material being cut between the saw blade and the fence. The outfeed roller's special shape, along with

special adjustment of the SHOPHELPERS provide control for very narrow cuts.



The bevel provides clearance for the wheel arms when making very narrow cuts and gives the most flexibility in using the SHOPHELPER

## FOR BEISEMEYER FENCES

1. It is necessary to place a wood spacer to the top of your Beisemeyer fence.
2. Mount brackets as described above to top of wood spacer.

## UNIFENCE

1. For use in the upright position, construct an auxiliary wood fence  $3\frac{1}{2}$ " in height and mount to the front of your Unifence. Construct your fence the width of the cursor ( $1\frac{1}{2}$ " ) and use the 2nd red marker for measurements (marker intended for use when fence is in downward position). Shophelpers S-221 are designed for use on fences up to  $3\frac{1}{2}$ " in height. If your fence is higher use Shophelper #221 for fences 4" in height.

**NOTE:** On fences that clamp at the front only, it may be necessary to clamp the rear.

## RADIAL ARM SAW

1. Make a hardwood replacement fence sized to fit your radial arm saw and work needs. Consult fig. 3.
2. Use SHOPHELPER brackets as a pattern, (fig. 4) position on top of fence at either side of saw arm. Make *certain* Shophelpers clear blade. When changing blade size, reposition shophelpers. Mark holes, drill starter holes and mount brackets. Brackets should be flush with fence face and should not extend beyond this edge.
3. In addition to ripping operations, use Shophelpers to hold long stock down to the feed table when cross cutting.

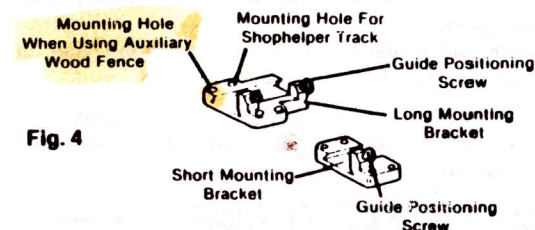
**CAUTION:** Use a follow board as material nears the end of the cut.

## JOINTER

1. SHOPHELPER GUIDES should be mounted on top of an auxiliary fence and at either side of cutter.
2. Position as near to cutter as possible without interfering with machine operation. Place mounting

brackets (fig. 4) flush with working face of auxiliary fence, making sure bracket does not extend into work area. Mark and drill pilot holes and mount brackets using hardware included in SHOPHELPER package.

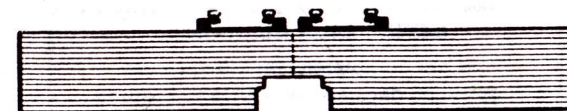
3. Tighten position screws securely. (fig. 4)
4. Place pressure on board over the outfeed end of jointer to obtain straight edges. **NEVER ALLOW** your fingers or hand over the end of a board while jointing. Use a push block on ends of boards.
5. SHOPHELPERS GUIDES, properly mounted, hold material down and against the fence, freeing hands for guiding material and reducing the danger of hands coming into contact with cutters. Hold down push blocks are not needed unless planing small pieces.



## SHAPER & ROUTER TABLE

1. Mount SHOPHELPER GUIDES as close to spindle as possible without interfering with machine operation.
2. Fences should be  $2\frac{1}{2}$ " high and  $1\frac{1}{4}$ " wide for most operations. Since some edge-shaping operations require the workpiece to be fed on edge to the cutter, a higher fence may be required.
3. Position mounting brackets on top of the auxiliary fence, parallel to the edge. Make sure brackets do not extend into working area. Mark holes, drill pilot holes and mount brackets. Slide SHOPHELPERS into mounting brackets and tighten position screws *securely*.

**NOTE:** A fence 3" high with a cutout for the cutter allows the SHOPHELPER GUIDES to be placed very close to small cutters. See diagram below. For a split fence, saw between brackets after fabrication.



SHOPHELPER GUIDES special features will make it easy to get accurate shaping of straight edges, bevel edges and even mitered edges. **TO AVOID ACCIDENTS,** a follow board should be used when nearing the end of workpiece. Hands should **NEVER** be near blades.

**NOTE:** For feeding work into a clockwise rotating cutter (reversing the cutter), use orange wheels.